

TECHNICAL DATA SHEET

CMC TYPE	70106
Product description CMC 70106 is an excellent insulation tape for highest requirements, with high dielectric strength and good mechanical properties even at high temperatures. The tape does not have a repellent back preparation and is supplied with a liner instead.	
Backing material	Kapton® HN (polyimide)
Colour	brown
Substrate thickness in mm	0.025 ± 17%
Total thickness in mm	0.055 ± 10%
Adhesive properties	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2
Thermal properties	
Temperature performance in °C	-40 up to +180
Flammability based on IEC 60454-2	flame retardant
Insulation class according to IEC 60085	H
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	≥ 6'000
Mechanical properties	
Tensile strength in N/cm	≥ 40
Elongation at break in %	≥ 40
Other properties	RoHS compliant ✓ REACH compliant ✓
Liner	siliconized paper
® registered trademark of DuPont de Nemours	

Recommended storage cond.: cool and dry (15 - 25°C, < 65% rel. humidity)

06/23

Quality guarantee: 12 months

Technical data represents average values subject to change without notice. It is not intended to replace users' testing.

Note on REACH: Some of our products do contain substances from the so-called candidate list. Please visit <https://en.cmc.de/page/reach> and check whether or not a purchased product is listed in our REACH statement and therefore does contain one or more SVHCs.